



2681 4/B  
SS

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Mariko MATSUMOTO, et al.

Appln. No.: 09/828,861

Confirmation No.: 6954

Group Art Unit: 2681

Filed: April 10, 2001

Examiner: Unknown

RECEIVED  
MAY 30 2001  
Technology Center 2600

For: PORTABLE RADIO SYSTEM AND PORTABLE RADIO EQUIPMENT TO BE USED  
IN THE SAME AND FREQUENCY ERROR PREDICTION METHOD USED  
THEREFOR

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

**Please enter the following amended claims:**

---

37. (Amended) A frequency error predicting method employing an automatic frequency control for detecting a frequency shift of an internal oscillator of portable radio equipment with reference to a received wave transmitted from a base station having higher precision of frequency and adjusting the frequency of said internal oscillator by feeding back said frequency shift to said internal oscillator, comprising of steps of:

calculating a phase difference of two symbols taken from a known data modulated by said base station on the basis of a timing generated by said internal oscillator;